Data Path : Z:\HPCHEM1\BNA_G\Data\BG050117\

Quantitation Report (QT Reviewed)

Data File : BG026803.D
Acq On : 1 May 2017 12:29
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 01:47:54 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 06:49:04 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02068

Manual Integrations APPROVED
mohammad
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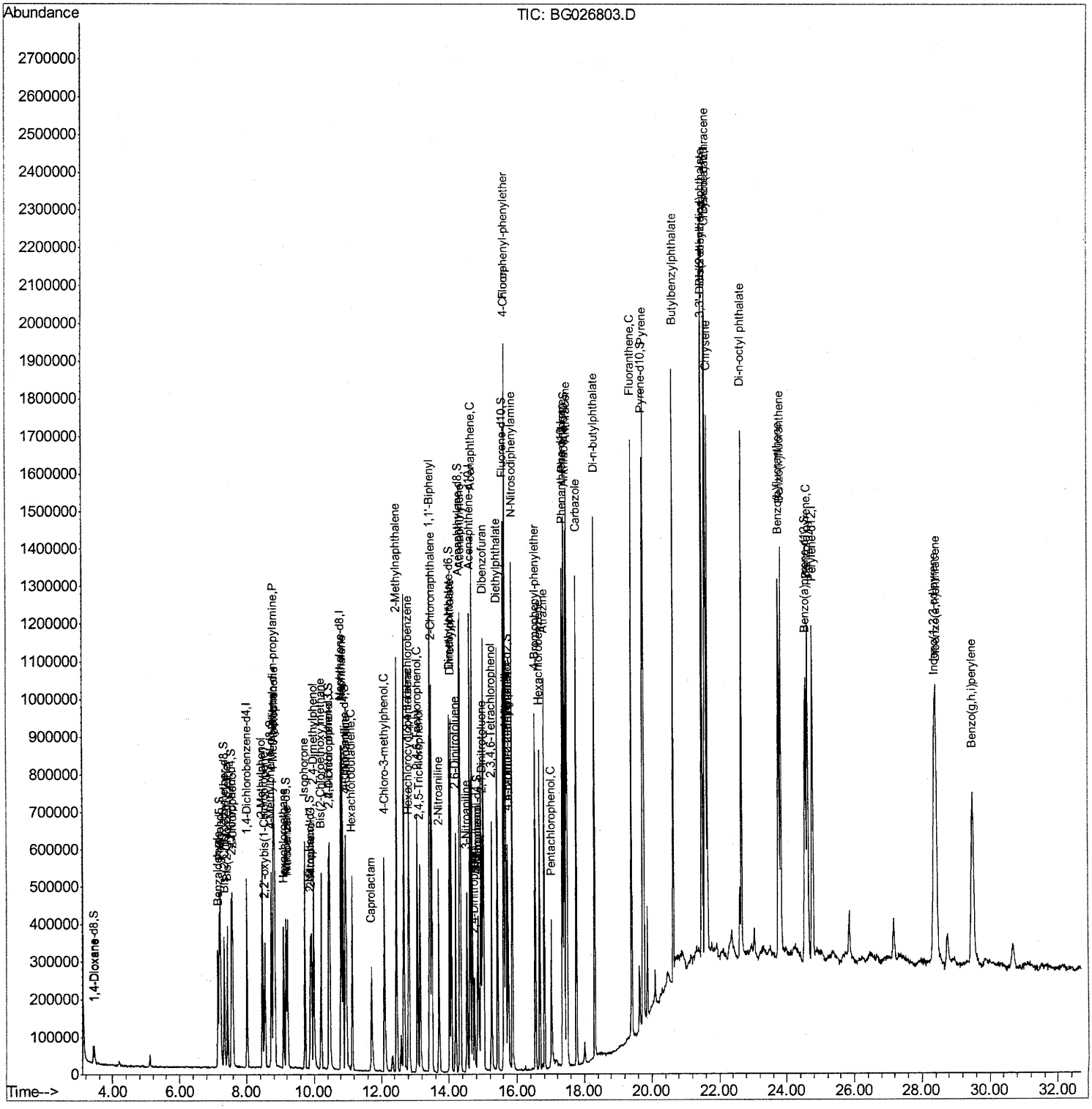

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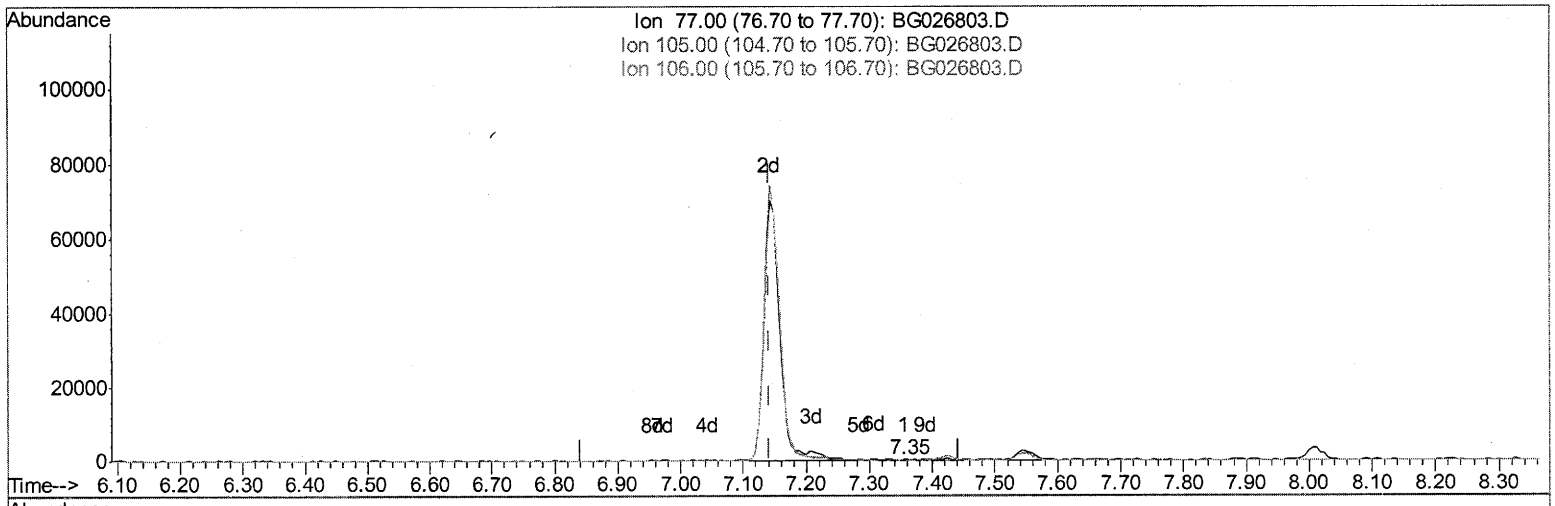

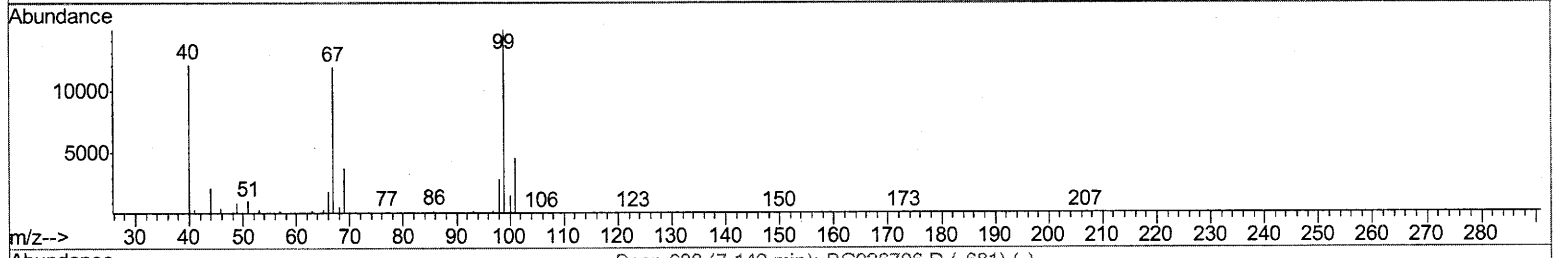

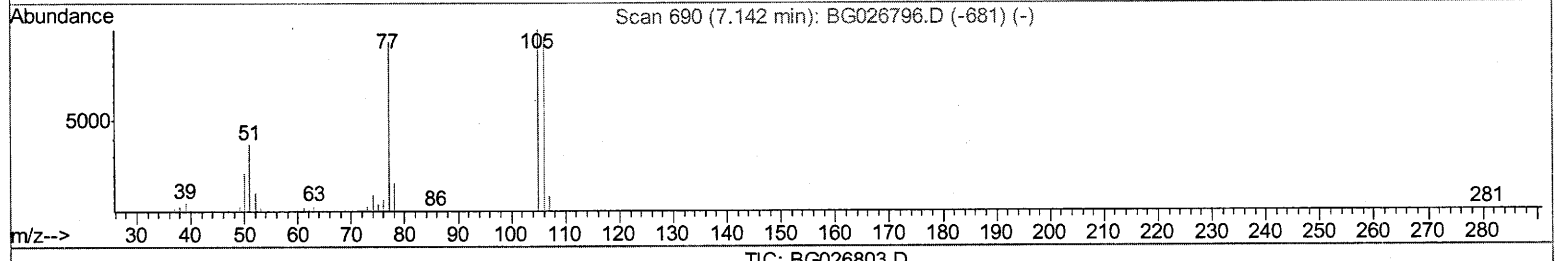

TIC: BG026803.D

(4) Benzaldehyde

7.354min (+0.212) 0.03ng/ul

response 174

Ion	Exp%	Act%
77.00	100	100
105.00	77.50	92.61
106.00	75.30	79.23
0.00	0.00	0.00

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Manual Integrations APPROVED
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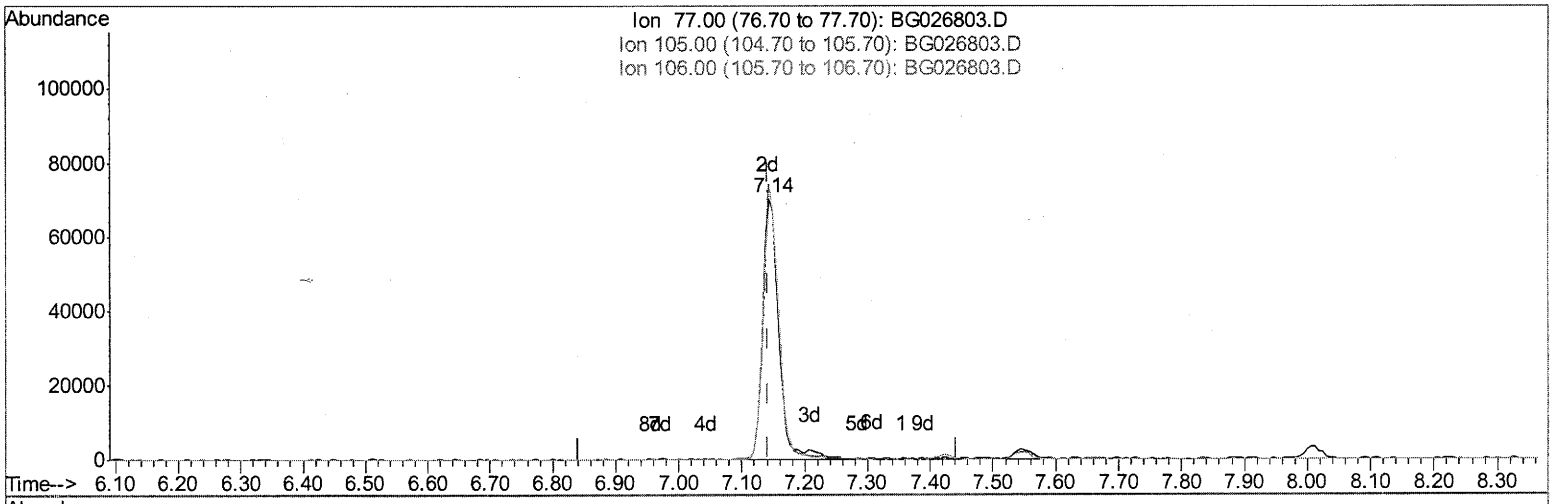

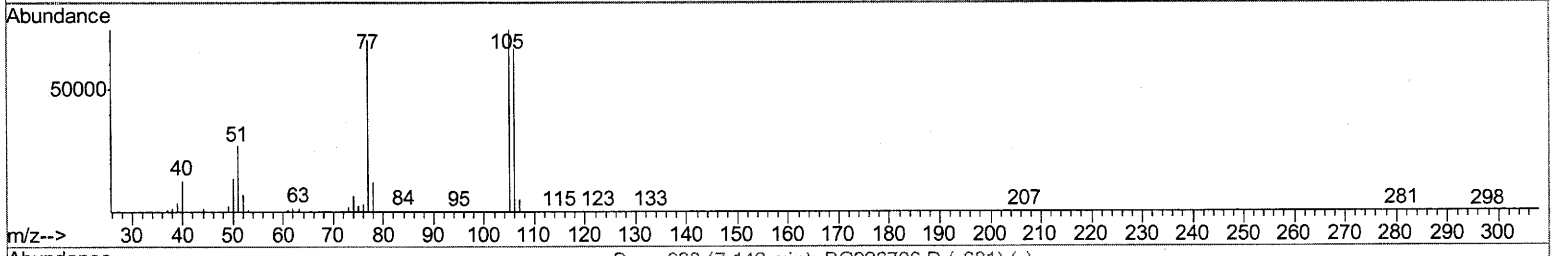

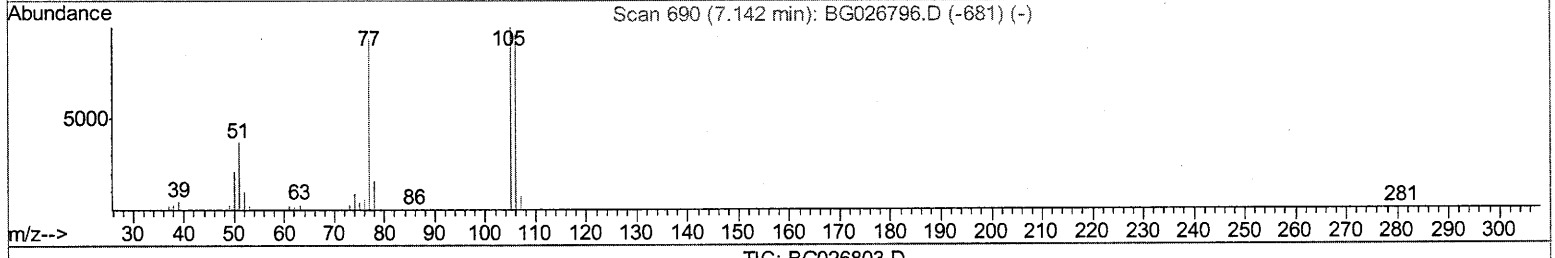

TIC: BG026803.D

(4) Benzaldehyde

7.142min (+0.000) 18.73ng/ul m SJ 5/5/17

response 124435

Ion	Exp%	Act%
77.00	100	100
105.00	77.50	105.70#
106.00	75.30	94.58#
0.00	0.00	0.00

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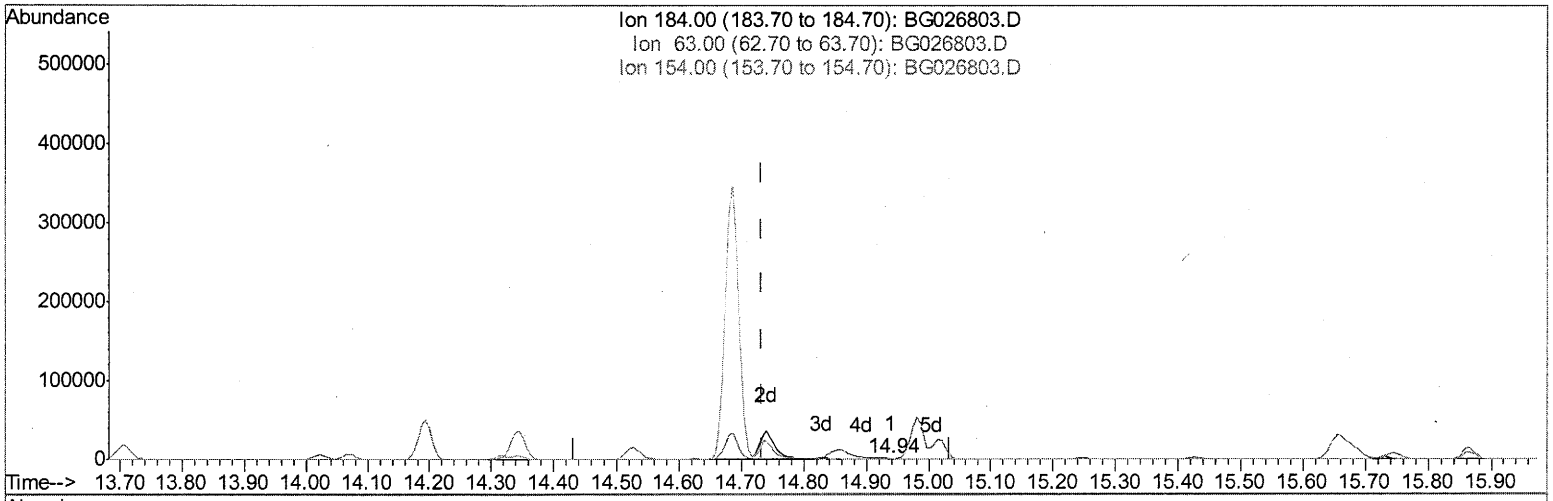

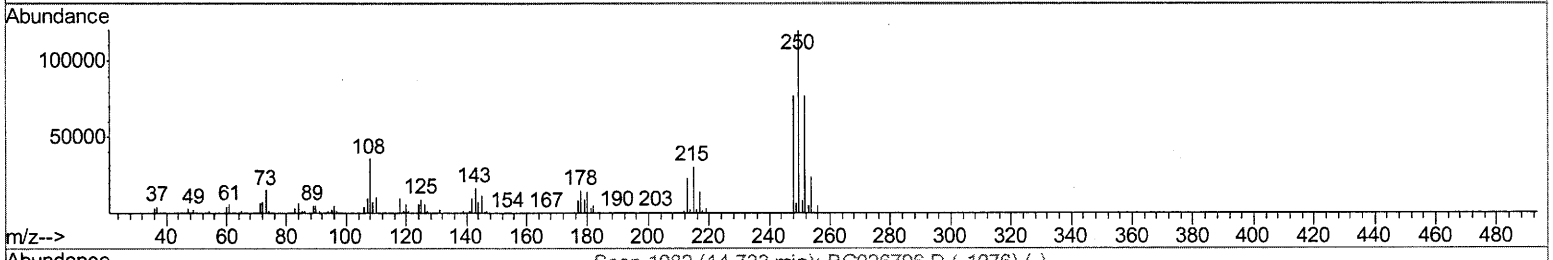

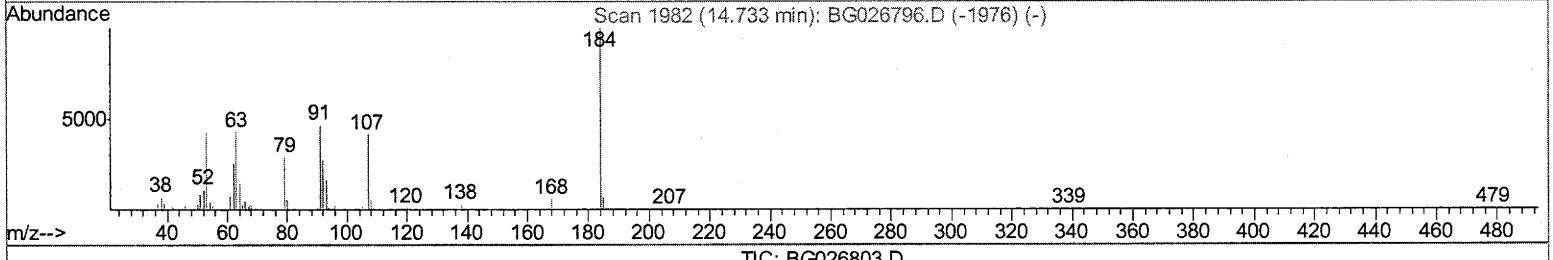

TIC: BG026803.D

(50) 2,4-Dinitrophenol

14.939min (+0.206) 0.36ng/ul

response 1283

Ion	Exp%	Act%
184.00	100	100
63.00	81.40	65.14
154.00	85.30	93.55
0.00	0.00	0.00

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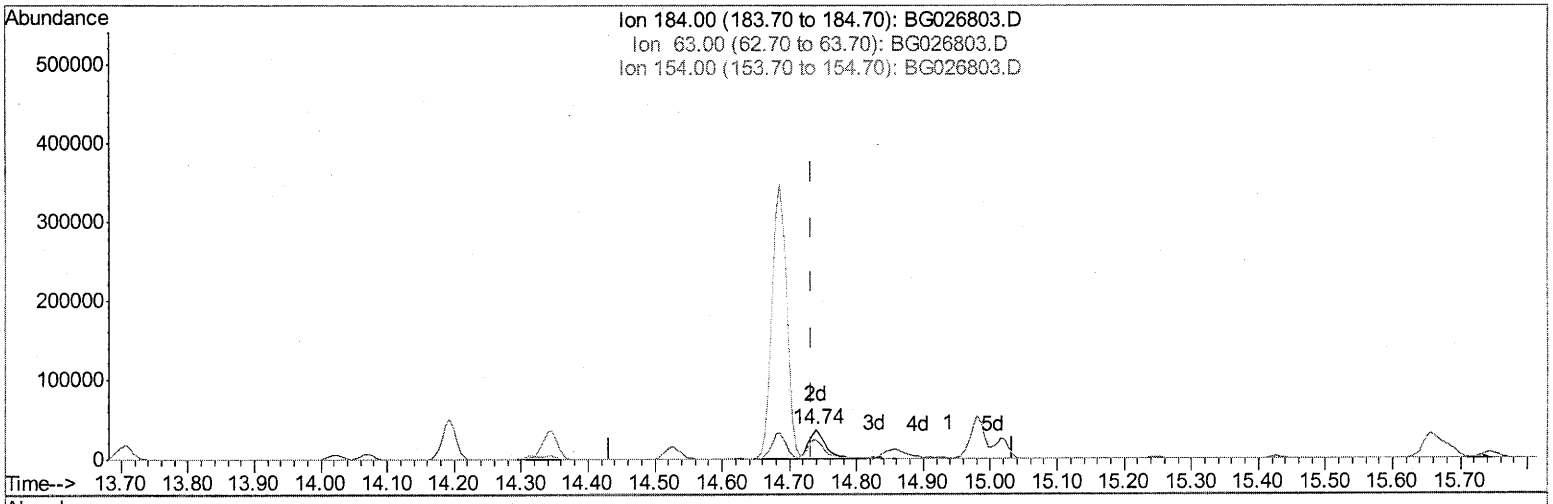
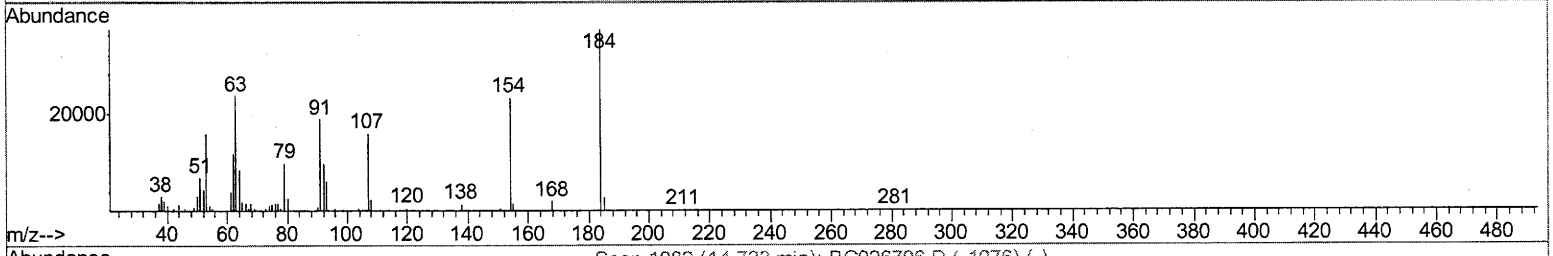
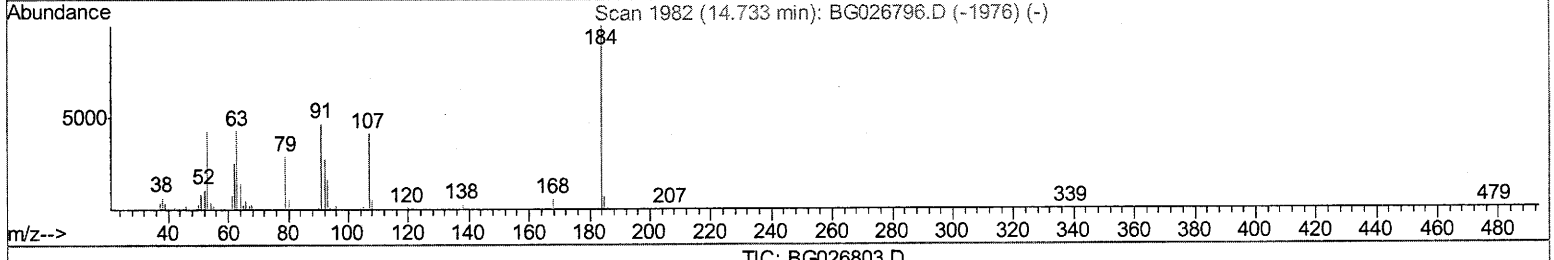
5/3/2017 12:12:29 PM







TIC: BG026803.D

(50) 2,4-Dinitrophenol

14.739min (+0.006) 18.65ng/ul m SJ 5/5/17

response 66718

Ion	Exp%	Act%
184.00	100	100
63.00	81.40	63.56#
154.00	85.30	62.74#
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	154007	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	764610	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	420731	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	797084	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	735488	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	752521	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	24310	7.11	ng/uL	0.00
5) Phenol-d5	7.19	99	300321	21.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	171524	21.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	240909	20.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	245252	21.50	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	125392	19.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	142217	20.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	226142	20.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	326075	22.06	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	661673	19.54	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	881306	20.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	108407	17.76	ng/ul	0.00
57) Fluorene-d10	15.61	176	576427	19.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	92026	19.01	ng/ul	0.00
70) Anthracene-d10	17.45	188	783078	20.24	ng/ul	0.00
76) Pyrene-d10	19.73	212	744632	19.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	723405	20.33	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	28734	7.36	ng/uL#	71
4) Benzaldehyde	7.14	77	124435m>	18.73	ng/ul	
6) Phenol	7.21	94	303241	21.77	ng/ul#	76
8) Bis(2-Chloroethyl)ether	7.42	93	216207	20.10	ng/ul	93
10) 2-Chlorophenol	7.58	128	233629	20.35	ng/ul#	80
11) 2-Methylphenol	8.46	108	241203	21.87	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.54	45	248962	22.18	ng/ul#	88
14) Acetophenone	8.83	105	349603	20.86	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.81	70	167074	20.21	ng/ul#	72
16) 4-Methylphenol	8.79	108	265824	22.04	ng/ul	95
17) Hexachloroethane	9.09	117	86483	20.03	ng/ul#	73
20) Nitrobenzene	9.21	77	246871	20.02	ng/ul#	77
21) Isophorone	9.73	82	471793	19.93	ng/ul#	90
23) 2-Nitrophenol	9.92	139	145734	19.94	ng/ul#	62
24) 2,4-Dimethylphenol	9.99	107	277489	20.83	ng/ul#	80
25) Bis(2-Chloroethoxy)methane	10.21	93	314414	19.44	ng/ul#	92
27) 2,4-Dichlorophenol	10.47	162	227993	20.70	ng/ul	95
28) Naphthalene	10.86	128	783127	19.68	ng/ul	98
30) 4-Chloroaniline	10.97	127	308205	22.10	ng/ul	95
31) Hexachlorobutadiene	11.14	225	106507	19.12	ng/ul	90
32) Caprolactam	11.71	113	84956	20.64	ng/ul#	63
33) 4-Chloro-3-methylphenol	12.10	107	264365	22.13	ng/ul#	85
34) 2-Methylnaphthalene	12.46	142	590039	19.98	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.82	216	220533	19.88	ng/ul	94
37) Hexachlorocyclopentadiene	12.81	237	91889	18.80	ng/ul	99
38) 2,4,6-Trichlorophenol	13.07	196	160874	21.08	ng/ul	95
39) 2,4,5-Trichlorophenol	13.15	196	166392	21.09	ng/ul	96
40) 1,1'-Biphenyl	13.46	154	710139	20.08	ng/ul	96
41) 2-Chloronaphthalene	13.51	162	536180	20.17	ng/ul	96
42) 2-Nitroaniline	13.71	65	167158	22.00	ng/ul#	68
44) Dimethylphthalate	14.07	163	649686	19.60	ng/ul	98
45) 2,6-Dinitrotoluene	14.19	165	142339	20.34	ng/ul#	84
47) Acenaphthylene	14.35	152	880756	20.33	ng/ul	98
48) 3-Nitroaniline	14.53	138	151048	20.52	ng/ul	79
49) Acenaphthene	14.69	153	601637	19.96	ng/ul	97
50) 2,4-Dinitrophenol	14.74	184	66718m	18.65	ng/ul	
52) 4-Nitrophenol	14.86	109	62739	17.52	ng/ul#	34
53) Dibenzofuran	15.02	168	788224	19.65	ng/ul	94
54) 2,4-Dinitrotoluene	14.98	165	198432	19.82	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.25	232	119346	19.26	ng/ul#	76
56) Diethylphthalate	15.43	149	684259	19.72	ng/ul	100
58) Fluorene	15.66	166	637198	19.46	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.65	204	272699	19.10	ng/ul	94
60) 4-Nitroaniline	15.69	138	140032	17.26	ng/ul#	50
63) 4,6-Dinitro-2-methylphenol	15.75	198	95897	19.02	ng/ul#	88
64) N-Nitrosodiphenylamine	15.87	169	542717	20.71	ng/ul	97
65) 4-Bromophenyl-phenylether	16.54	248	162747	20.46	ng/ul#	80
66) Hexachlorobenzene	16.67	284	171152	19.98	ng/ul#	88
67) Atrazine	16.81	200	171951	21.00	ng/ul#	91
68) Pentachlorophenol	17.02	266	78226	20.00	ng/ul	93
69) Phenanthrene	17.40	178	897477	19.99	ng/ul	99
71) Anthracene	17.49	178	933704	20.27	ng/ul	99
72) Carbazole	17.76	167	854041	21.92	ng/ul	97
73) Di-n-butylphthalate	18.31	149	1112943	21.96	ng/ul#	96
74) Fluoranthene	19.40	202	933577	22.40	ng/ul#	81
77) Pyrene	19.76	202	950887	19.27	ng/ul#	76
78) Butylbenzylphthalate	20.64	149	514981	22.47	ng/ul#	82
79) 3,3'-Dichlorobenzidine	21.50	252	308972	21.85	ng/ul#	91
80) Benzo(a)anthracene	21.58	228	861511	20.03	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.48	149	740718	22.65	ng/ul#	99
82) Chrysene	21.65	228	798888	19.99	ng/ul	99
84) Di-n-octyl phthalate	22.66	149	1282314	24.80	ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	885860	20.60	ng/ul#	93
86) Benzo(k)fluoranthene	23.82	252	848019	20.07	ng/ul#	93
88) Benzo(a)pyrene	24.62	252	861837	20.36	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	28.36	276	1022472	20.38	ng/ul#	80
90) Dibenzo(a,h)anthracene	28.42	278	864413	20.32	ng/ul#	87
91) Benzo(g,h,i)perylene	29.49	276	852537	20.49	ng/ul#	81

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(#) = qualifier out of range (m) = manual integration (+) = signals summed